

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus for use with a disc data reading apparatus, comprising:

a housing having a rigid stopper, a front edge and a protrusion connected to the front edge, the rigid stopper being connected to the front edge and extending downward from the front edge for blocking a cracked disc; and

a panel, the panel being selectively connected to the front edge, the panel having a first surface corresponding to the protrusion and an extension surface corresponding to the rigid stopper, and the rigid stopper partially covering the extension surface of the panel;

wherein, the housing, the rigid stopper, and the protrusion are formed integrally, and wherein a force existing between the protrusion and the first surface limits relative displacement between the panel and the housing for preventing the cracked disc flying out of the disc data reading apparatus.

2. (Original) The apparatus of claim 1, wherein the panel further comprises a depression, the first surface being a side-wall of the depression, as the housing is connected to the panel, the protrusion is received within the depression.

3. (Previously Cancelled)

4. (Original) The apparatus of claim 1, further comprising a tray and a chassis, the tray including a support point, as the disc becomes cracked, the support point touches against the chassis and receives a reaction force limiting relative displacement between the tray and the chassis.

5. (Original) The apparatus of claim 1, further comprising a tray and a chassis, the chassis including a support point, as the disc becomes cracked, the support point touches against the tray and receives a reaction force limiting relative displacement between the tray and the chassis.

6. (Currently Amended) An apparatus for use with a disc data reading apparatus, comprising:

a panel having an extension surface, a side edge and a protrusion connected to the side edge; and

a housing, the housing being selectively connected to the side edge, the housing having a rigid stopper and a first surface corresponding to the protrusion, the rigid stopper being connected to a front edge of the housing, ~~and~~ extending downward from the front edge, and partially covering the extension surface of the panel for blocking the cracked disc;

wherein, the housing and the rigid stopper are formed integrally, and wherein a force existing between the protrusion and the first surface limits relative displacement between the panel and the housing for preventing the cracked disc from flying out of the disc data reading apparatus.

7. (Original) The apparatus of claim 6, wherein the housing further comprises a depression, the first surface being a side-wall of the depression, as the housing is connected to the panel, the protrusion is received within the depression.

8. (Previously Cancelled)

9. (Original) The apparatus of claim 6, further comprising a tray and a chassis, the tray including a support point, as the disc becomes cracked, the support point touches against the

chassis and receives a reaction force limiting relative displacement between the tray and the chassis.

10. (Original) The apparatus of claim 6, further comprising a tray and a chassis, the chassis including a support point, as the disc becomes cracked, the support point touches against the tray and receives a reaction force limiting relative displacement between the tray and the chassis.

11. (Currently Amended) A disc data reading apparatus comprising:

a housing having a rigid stopper and an opening, the opening defining a front edge and the front edge extending to form a protrusion, the rigid stopper being connected to the front edge and extending downward from the front edge for blocking a cracked disc; and

a panel, the panel being selectively connected to the front edge, the panel including a first surface corresponding to the protrusion and an extension surface corresponding to the rigid stopper, and the rigid stopper partially covering the extension surface of the panel;

wherein, the housing, the rigid stopper, and the protrusion are formed integrally,
and wherein a force existing between the protrusion and the first surface limits relative displacement between the panel and the front edge for preventing the cracked disc flying out of the disc data reading apparatus.

12. (Original) The disc data reading apparatus of claim 11, wherein the panel further comprises a depression, the first surface being a side-wall of the depression, as the front edge is connected to the panel, the protrusion is received within the depression.

13. (Previously Cancelled)

14. (Original) The disc data reading apparatus of claim 11 further comprising a tray and a chassis, the tray including a support point, as the disc becomes cracked, the support point touches against the chassis and receives a reaction force limiting relative displacement between the tray and the chassis.

15. (Original) The disc data reading apparatus of claim 11, further comprising a tray and a chassis, the chassis including a support point, as the disc becomes cracked, the support point touches against the tray and receives a reaction force limiting relative displacement between the tray and the chassis.

16. (Currently Amended) An disc data reading apparatus comprising:

a panel having an extension surface and a side edge provided with a protrusion;
and

a housing having a rigid stopper and an opening, the opening defining a front edge selectively attaching to the side edge, the front edge being provided with a first surface corresponding to the protrusion, the rigid stopper being connected to the front edge, ~~and~~ extending downward from the front edge, and partially covering the extension surface of the panel for blocking a cracked disc;

wherein, the housing and the rigid stopper being formed integrally, and wherein a force existing between the protrusion and the first surface limits relative displacement between the panel and the housing for preventing the cracked disc from flying out of the disc data reading apparatus.

17. (Original) The disc data reading apparatus of claim 16, wherein the housing further comprises a depression, the first surface being a side-wall of the depression, as the housing is connected to the panel, the protrusion is received within the depression.

18. (Previously Cancelled)

19. (Original) The disc data reading apparatus of claim 16 further comprising a tray and a chassis, the tray including a support point, as the disc becomes cracked, the support point touches against the chassis and receives a reaction force limiting relative displacement between the tray and the chassis.

20. (Original) The disc data reading apparatus of claim 16, further comprising a tray and a chassis, the chassis including a support point, as the disc becomes cracked, the support point touches against the tray and receives a reaction force limiting relative displacement between the tray and the chassis.

21. (Currently Amended) The apparatus of claim 1, wherein the housing further comprises a plurality of protrusions and a plurality of rigid stoppers alternately arranged.

22. (Currently Amended) The apparatus of claim 6, wherein the housing further comprises a plurality of protrusions and a plurality of rigid stoppers alternately arranged.

23. (Currently Amended) The disc data reading apparatus of claim 11, wherein the housing further comprises a plurality of protrusions and a plurality of rigid stoppers alternately arranged.

24. (Currently Amended) The disc data reading apparatus of claim 16, wherein the housing further comprises a plurality of protrusions and a plurality of rigid stoppers alternately arranged.